



NVI 5275
PATENT

lfa

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of Farooq Uraizee et al.
Serial No. 10/799,291
Filed March 12, 2004
Confirmation No. 8211
For USE OF SURFACTANTS TO STABILIZE OOCYSTS

Art Unit 1645

August 11, 2004

COMMISSIONER FOR PATENTS
P.O. BOX 1450
ALEXANDRIA, VIRGINIA 22313-1450

SIR:

INFORMATION DISCLOSURE STATEMENT

In accordance with 37 C.F.R. 1.97 and 1.98 and MPEP 609, and in compliance with the duty of disclosure set forth in 37 C.F.R. 1.56, applicant submits the attached PTO/SB/08A for consideration by the Patent and Trademark Office in the above-entitled application and to be made of record therein. In accordance with the OG notice of August 5, 2003 partially waiving the requirements of 37 C.F.R. 1.98(a)(2)(i), copies of the U.S. patent documents are not supplied. Applicant submits herewith copies of the foreign patent documents and literature references.

This Information Disclosure Statement is being submitted pursuant to 37 C.F.R. §1.97(b) in that applicants believe that it is being filed prior to the mailing date of the first Office action on the merits. Accordingly, neither a statement nor fee under 37 C.F.R. §1.97(c) or (d) is required. However, if an Office action was issued prior to the date of mailing of this Information Disclosure Statement, the Commissioner is hereby authorized to charge any required fees regarding this Information Disclosure Statement to Deposit Account No. 19-1345.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Laura J. Hilmert".

Laura J. Hilmert, Reg. No. 55,871
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LJH/cms



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CERTIFICATE OF MAILING

I certify that this Information Disclosure Statement in the application of Farooq Uraizee, et al., Serial No. 10/799,291, filed March 12, 2004 is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450, on this 11th day of August, 2004.

Christina M Spencer
Christina M. Spencer

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(use as many sheets as necessary)



Sheet	1	of	4	Attorney Docket No.	NVI 5275
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U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
		Number	Kind Code ² (if known)		
1	3,147,186			S.A. Edgar	09-01-1964
2	4,438,097			Shirley	03-20-1984
3	4,544,548			Davis, et al	10-01-1985
4	4,639,372			Murray, et al	01-27-1987
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached or place an "A" here if English language abstract is attached..

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Group Art Unit	1645
Examiner Name	

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	17	2003/0143717	A1	Hutchins, et al.	07-31-2003
	18	10/728,194		Schasteen, et al.	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	T ⁶
		Office	Number ⁴	Kind Code ² (if known)			
	19	EP	0243548	A1	E-H. Lee	11-04-1987	
	20	EP	0258045	A2	Eli Lilly and Company	03-02-1988	
	21	EP	0325359	A1	A.H. Robins Company, Inc.	07-26-1989	
	22	EP	0506211	A1	British Technology Group Ltd.	09-30-1992	
	23	RU	2019189 (abs)	C1	Artyukov et al.	09-15-1994	
	24	WO	94/16725	A1	Merck & Co., Inc.	08-04-1994	
	25	WO	96/40233	A1	Pfizer Inc.	12-19-1996	
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	28	WO	01/34187	A2	Novus International, Inc.	05-17-2001	
	29	WO	03/020917	A1	Embrex, Inc.	03-13-2003	

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OTHER ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶
	30	DANFORTH, "Use of Live Oocyst Vaccines in the Control of Avian Coccidiosis: Experimental Studies and Field Trials", <i>International Journal for Parasitology</i> , July 1998, 28(7): 1099-1109	
	31	DULSKI, et al., "The Purification of Sporocysts and Sporozoites from <i>Eimeria tenella</i> Oocysts Using Percoll Density Gradients," <i>Avian Diseases</i> , 1988, pp. 235-39, Vol. 32, No. 2, Amer. Assoc. of Avian Pathologists, USA	
	32	JENKINS, et al., "Protective Immunity against Coccidiosis Elicited by Radiation-Attenuated <i>Eimeria maxima</i> Sporozoites that are Incapable of Asexual Development," <i>Avian Diseases</i> , 1993, Jan-Mar, 37(1), pp. 74-82.	
	33	LIVACOXR® Natural Way of Protection of Poultry from Coccidiosis, "LIVACOXR® Live attenuated coccidiosis vaccine for poultry; Technical Manual for Use in Commercial Broiler Operations", BIOPHARM, Research Institute of Biopharmacy and Veterinary Drugs, Autumn, 1996, pp. 3-11	
	34	LONG, P.L., et al., "A Guide to Laboratory Techniques Used in the Study and Diagnosis of Avian Coccidiosis," <i>Folia Veterinaria Latina</i> , 1976, Vol. VI(3), pp. 201-217.	
	35	ROLINSKI, et al, "Medycyna Weterynaryjna", 1988, Vol. 44(8), p. 461 (abstract only).	
	36	RYLEY, J.F. et al., "Methods in Coccidiosis Research: Separation of Oocysts from Faeces," <i>Parasitology</i> , 1976, Vol. 73(3), pp. 311-326.	
	37	Schering-Plough Animal Health, Material Safety Data Sheet, "PARACOX," August 2, 2000, pp. 1-5.	
	38	SHARMA, N., "Response of the Fowl (<i>Gallus domesticus</i>) to Parenteral Administration of Seven Coccidial Species," <i>Journal of Parasitology</i> , 1964, Vol. 50(4), pp. 509-517.	
	39	SMITH, et al., "The Respiration of the Protozoan Parasite, <i>EIMERIA TÉNELLA</i> ," <i>Journal of Parasitology</i> , 1944, Vol. 30, pp. 295-302.	
	40	SMITH, et al, "A Rapid Technique for the Cleaning and Concentration of <i>Eimeria</i> Oocysts", <i>Poultry Science</i> , 1975, Vol. 54, pp. 2081-2086.	

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41	WAGENBACH, G.E. et al., "A Method for Purifying Coccidian Oocysts Employing Clorox and Sulfuric Acid-Dichromate Solution," <i>Journal of Parasitology</i> , 1966, Vol. 52(6), p. 1222.	
42	WATKINS, et al., "The Effect of In Ovo Oocyst or Sporocyst Inoculation on Response to Subsequent Coccidial Challenge," <i>Poultry Science</i> , 1995, Oct., Vol. 74(10), pp. 1597-1602.	
43	WILLIAMS, R.B., "The development, efficacy and epidemiological aspects of Paracox™, a new coccidiosis vaccine for chickens," Mallinckrodt Veterinary, Ltd., (date unknown), pp. 1-16.	
44	WILSON, et al., "Biochemistry of Sporulation in Oocysts of Eimeria Acervulina," <i>J. Protozool.</i> , 1961, Vol. 8(4), pp. 410-416.	
45	YUASA, et al., "Isolation and Some Characteristics of an Agent Inducing Anemia in Chicks," <i>Avian Diseases</i> , 1979, pp. 366-85, Vol. 23, No. 2, Amer. Assoc. of Avian Pathologists, USA	

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